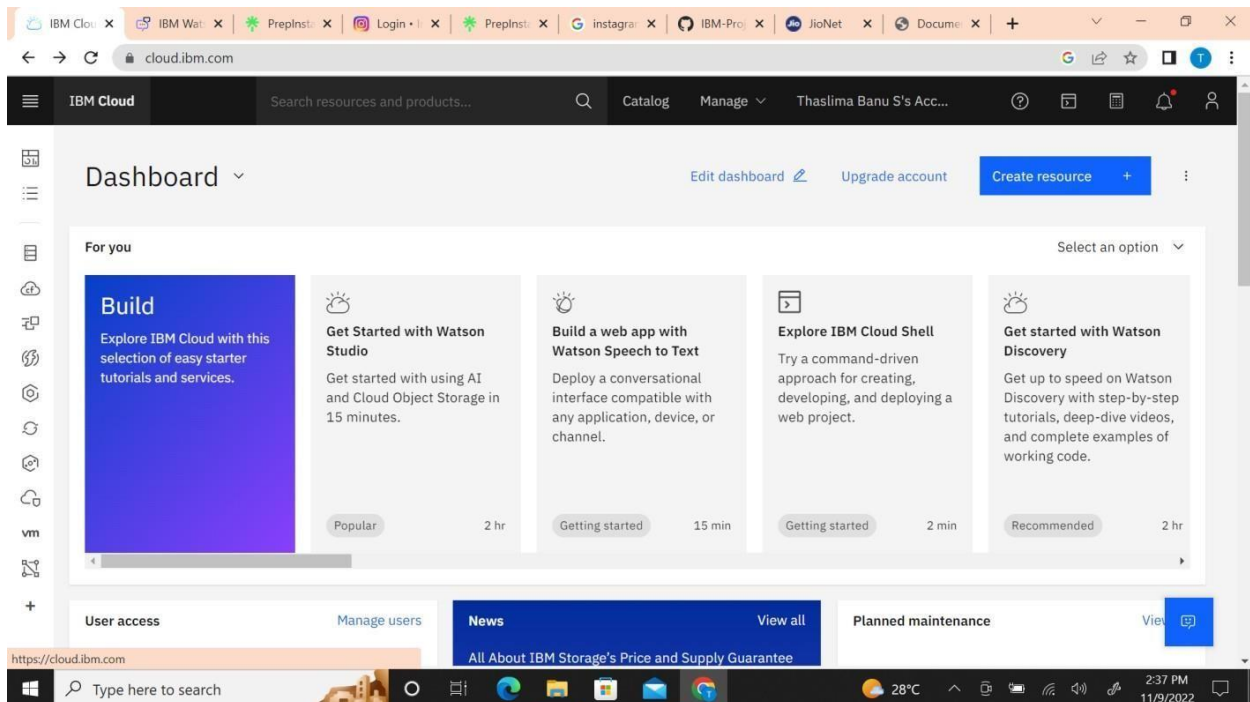


DEVELOPING A CHATBOT

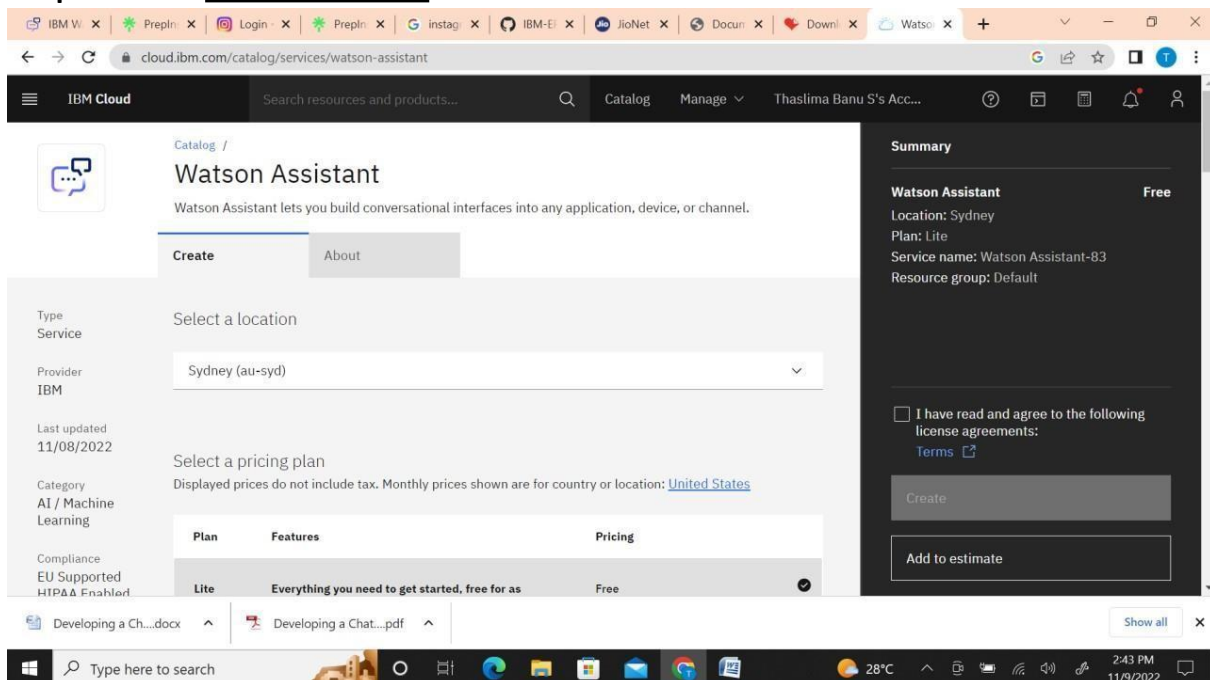
Date	9 November 2022
Team ID	PNT2022MID19910
Project Name	Skills/ Job Recommender Application

Build the Chatbot

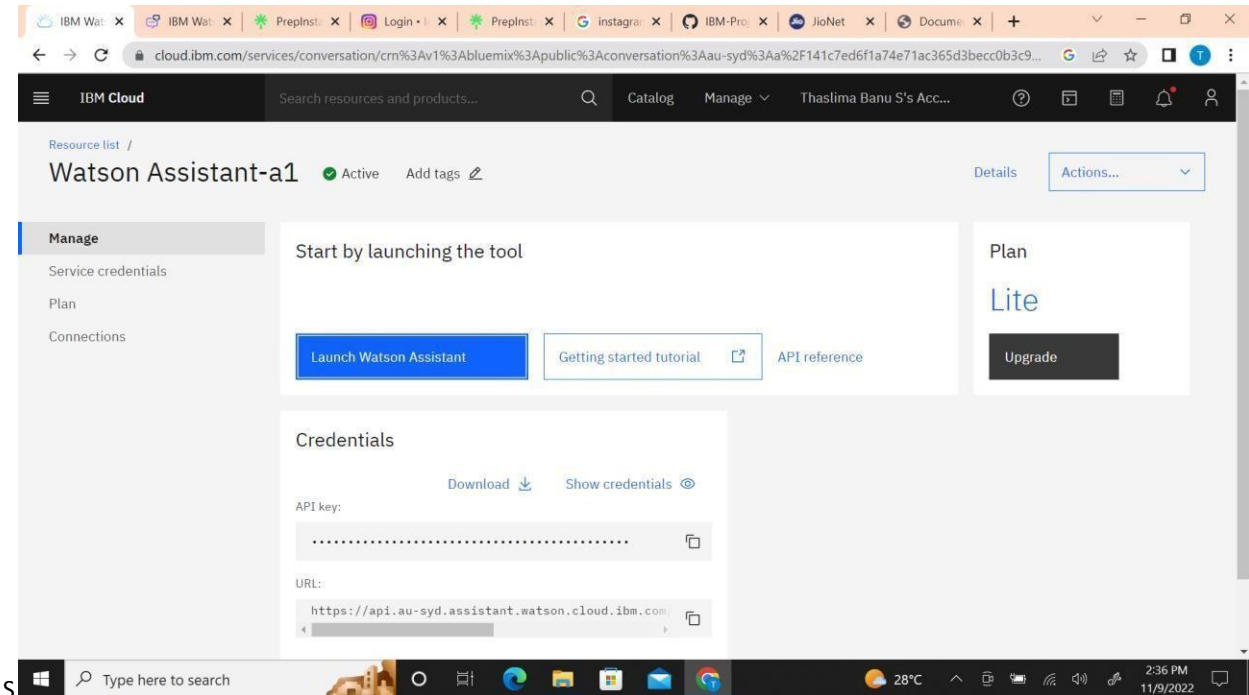
Step 1: Login to IBM Cloud



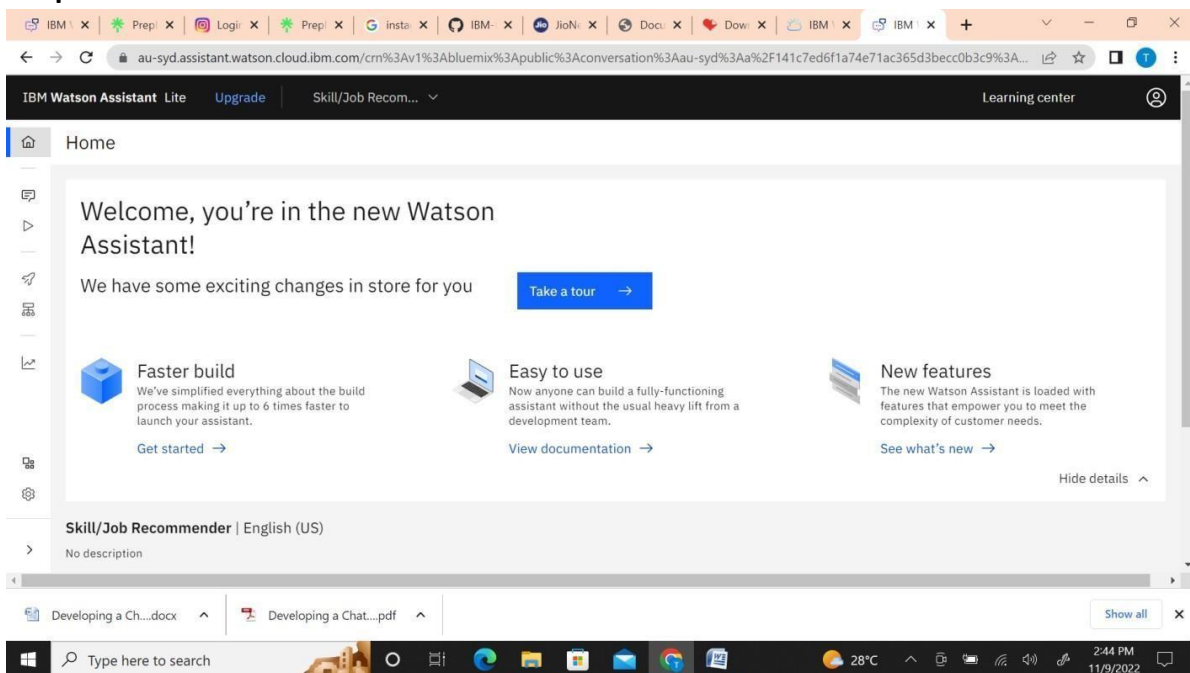
Step 2: Search Watson Assistant



Step 3: Then Select the Launch Watson Assistant



Step 4: Then Get Started



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Step 5: Then create an action and then make some sample conversation.

The screenshot shows the IBM Watson Assistant web interface. The browser address bar displays a URL starting with 'au-syd.assistant.watson.cloud.ibm.com'. The page title is 'IBM Watson Assistant Lite'. The left sidebar contains navigation options: 'Actions', 'Variables', and 'Saved responses'. The 'Actions' section is expanded, showing a list of actions created by the user. A table lists the actions, with one action named 'Hi' having a status of 'Success' and a count of 1. A 'New action' button is visible in the top right of the table. A tooltip explains that actions are used to resolve customer questions or requests.

Actions sit at the core of the new Watson Assistant build process. Think of them as problems or tasks that your customers want your assistant to resolve for them. They include the complete interaction between a customer and your assistant for a specific question or request.

[Find out more](#) [Take a tour](#) [Build with our guide](#)

Name	Last edited	Examples Count	Status
Hi	25 minutes ago	1	Success

Items per page: 50 Showing 1–1 of 1 actions 1 1 of 1 pages

Step 6: Then End the Action.

The screenshot shows the IBM Watson Assistant interface. On the left, the 'Conversation steps' panel lists three steps. Step 1 is selected and shows a text input 'Hi! How can I help you in finding you a job?' with a 'Free text' button. Below it, Step 2 is a question 'Are you a Fresher or Experienced in this Sector?' with 'Fresher' and 'Experienced' buttons. Step 3 is a question 'What is your Specialization?'. The main area shows the configuration for Step 1, which is 'without conditions'. The 'Assistant says' section shows the same text input as Step 1. The 'And then' section shows 'Continue to next step'. A 'Preview' button is at the bottom right.

Step 7: Embed the code.

The screenshot shows the IBM Watson Assistant interface with the 'Embed' tab selected. The 'Web chat' section is in 'Draft' mode. The 'Embed' tab shows a code block for embedding the chat on a website. The code is as follows:

```
</> Embed on your website
Ready to launch? It's as easy as copy and paste. Learn more

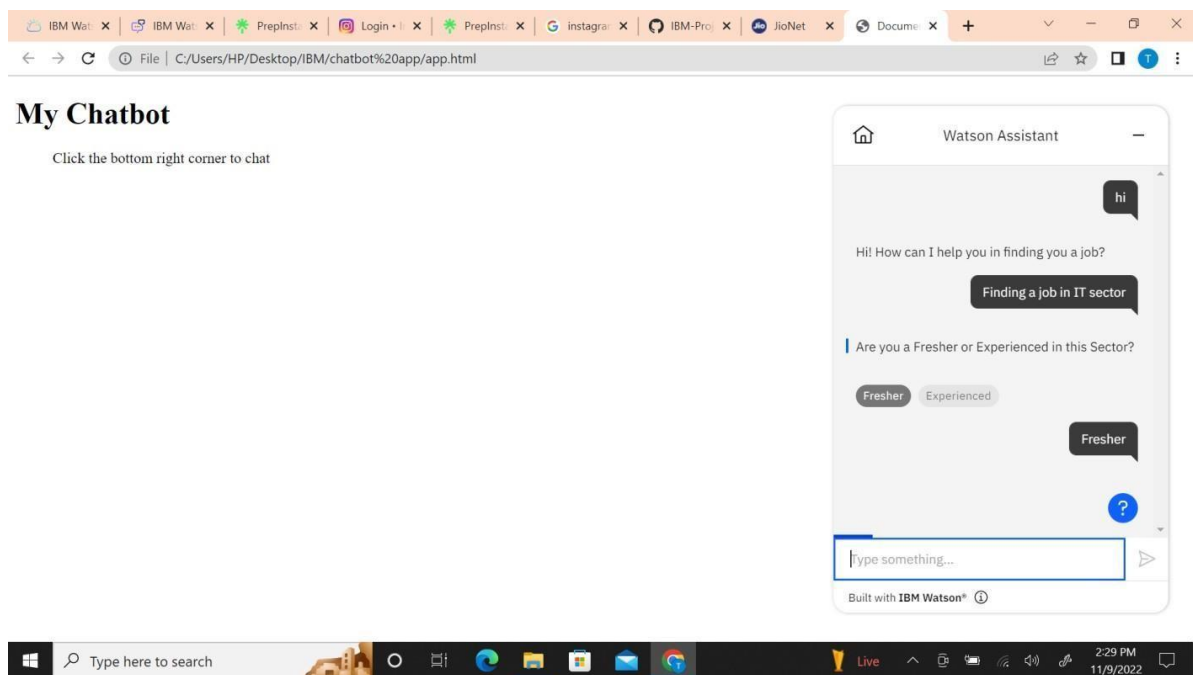
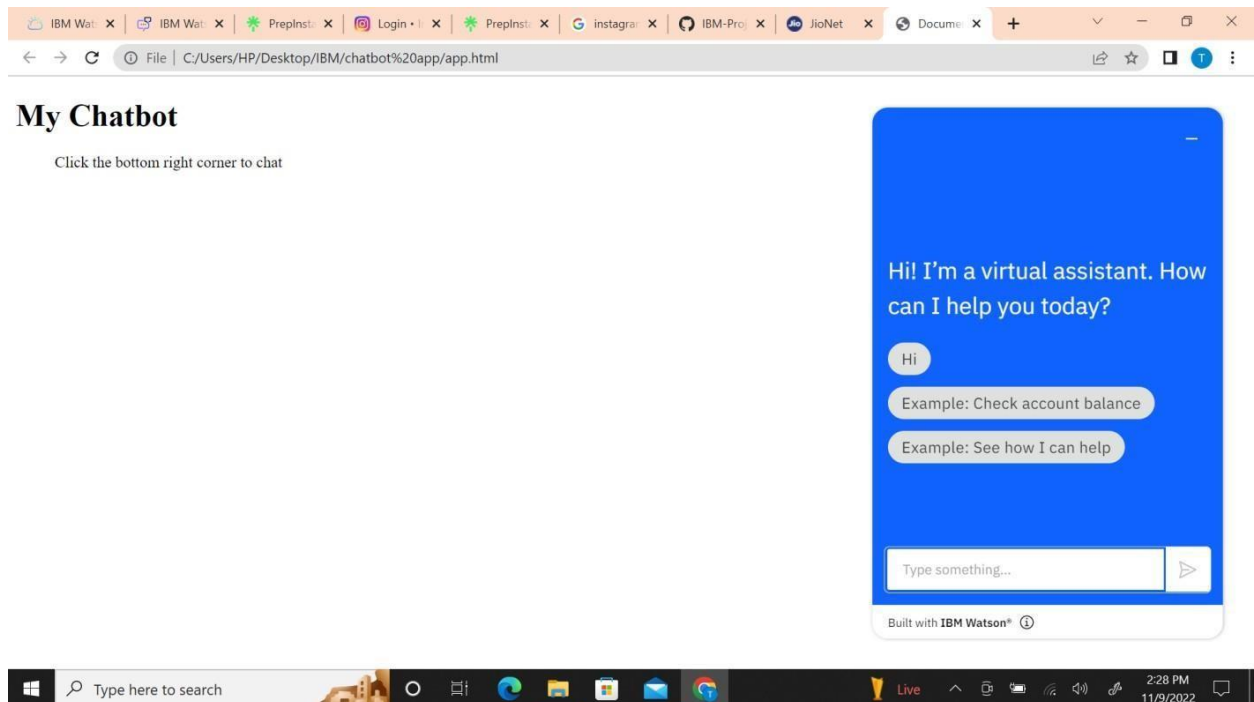
<script>
window.watsonAssistantChatOptions = {
  integrationID: "01ca5f55-3f42-4a97-8965-332afedd97be", // The ID of this integration.
  region: "au-syd", // The region your integration is hosted in.
  serviceInstanceID: "5683f375-e95c-4fa1-8471-5b76177675c2", // The ID of your service instance.
  onLoad: function(instance) { instance.render(); }
};
setTimeout(function(){
  const t=document.createElement('script');
  t.src="https://web-chat.global.assistant.watson.appdomain.cloud/versions/" + (window.watsonAssistantChatOptions
  document.head.appendChild(t);
});
</script>
```

A 'Show more' link is at the bottom right of the code block.

INTEGRATING CHATBOT TO HTML PAGE

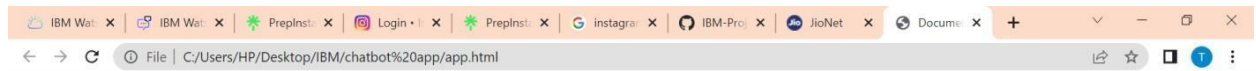
```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta http-equiv="X-UA-Compatible" content="IE=edge">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Document</title>
</head>
<body>
  <h1>My Chatbot</h1>
  <blockquote>Click the bottom right corner to chat</blockquote>
<script>
  window.watsonAssistantChatOptions = {
    integrationID: "01ca5fe5-3f42-4a97-8965-332afedd97be", // The ID of this
    integration. region: "au-syd", // The region your integration is hosted in.
    serviceInstanceID: "5683f375-e95c-4fa1-8471-5b76177675c2", // The ID of your service
instance.
    onLoad: function(instance) { instance.render(); }
  };
  setTimeout(function(){
    const t=document.createElement('script');
    t.src="https://web-chat.global.assistant.watson.appdomain.cloud/versions/" +
(window.watsonAssistantChatOptions.clientVersion || 'latest') +
"/WatsonAssistantChatEntry.js";
    document.head.appendChild(t);
  });
</script>
</body>
</html>
```

PREVIEW OF CHATBOT



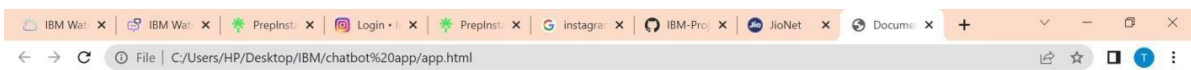
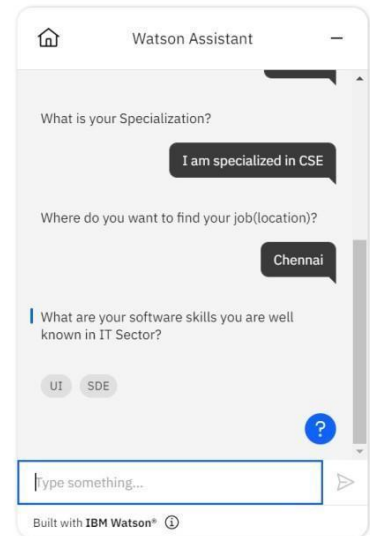
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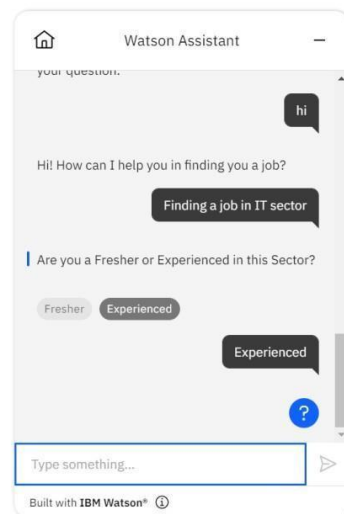
My Chatbot

Click the bottom right corner to chat



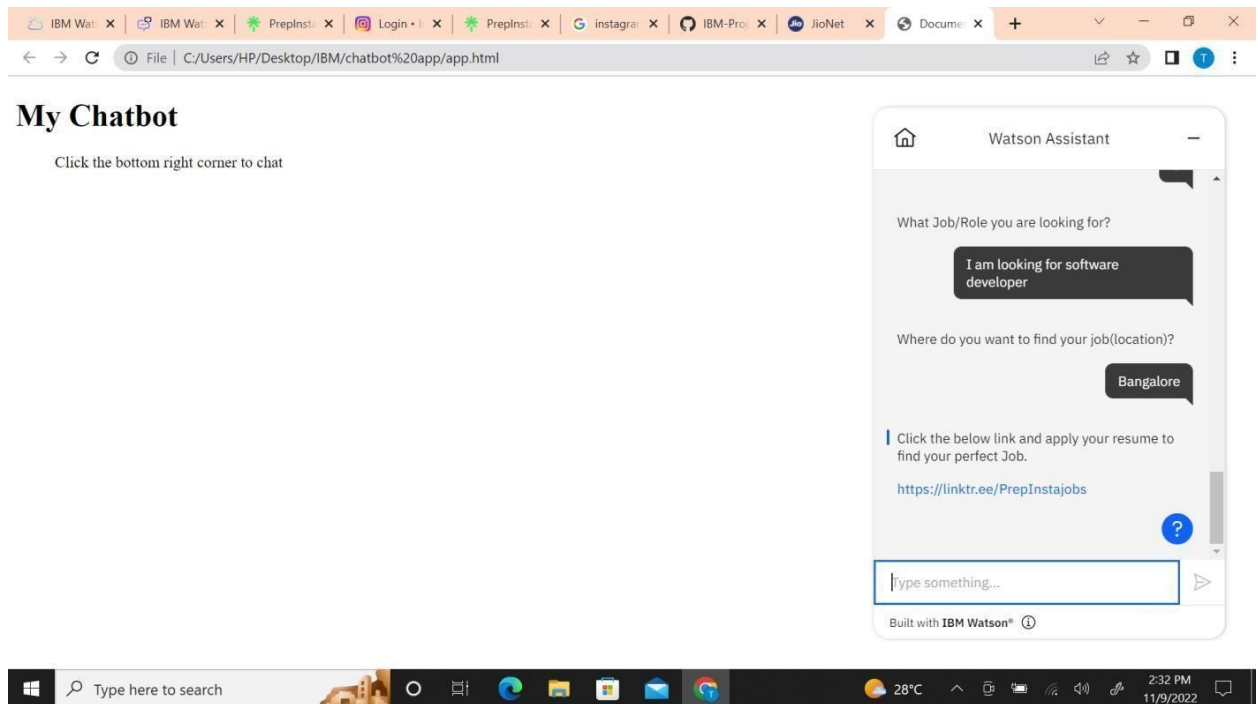
My Chatbot

Click the bottom right corner to chat



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The Chatbot is created and integrated successfully.